C8850-1A

Textile Organon

Vol 56, No. 5 □ May 1985

A publication of the Textile Economics Bureau, Inc.

MONTHLY REVIEW

Highlights

***Textile Organon* Features:**

1984 Per Capita Consumption Review . . . begins on page 87.

May Capacity Survey Analysis . . . begins on page 92.

Trade Barometer . . . begins on page 96.

First Quarter Production & Shipments Results:

Production of Nylon Yarn+Monofilaments Falls to 369.8 Million Pounds . . . see page 101.

Domestic Shipments of Polyester Staple+Tow Fall to 456.3 Million Pounds . . . see page 102.

Olefin yarn+monofilament shipments set another record in April, while shipments of other key products also did well–

- *Polyester staple+tow* shipments rose to the highest level since December 1984.
- *Polyester textile yarn* shipments rose to the highest level since December 1983.
- *Nylon carpet yarn* shipments rose to the highest level since last October.
- *Nylon staple+tow* shipments rose to the highest level since January.
- *Olefin+vinyon staple+tow* shipments rose to the highest level on record.

TABLE 1: TOTAL MAN-MADE FIBER SHIPMENTS

MILLION POUNDS & PERCENT

ITEM	1985 APR	1985 MAR	% [a]	1984 APR	% [b]	YEAR TO DATE 1985	YEAR TO DATE 1984	% [c]
YARN+MONOFILAMENTS								
ACETATE	16.0	14.5	+10.3	17.8	-10.1	58.9	72.3	-18.5
NYLON[d] - INDUSTRIAL	27.6	33.1	-16.6	33.4	-17.4	123.8	124.2	-0.3
- LOW DENIER INDUSTRIAL	2.2	2.0	+10.0	2.9	-24.1	8.7	12.0	-27.5
- CARPET	69.2	59.5	+16.3	72.0	-3.9	237.7	270.4	-12.1
- TEXTILE	27.8	27.5	+1.1	32.7	-15.0	112.8	129.4	-12.8
POLYESTER - INDUSTRIAL	26.4	25.3	+4.3	26.4	--	102.6	104.4	-1.7
- LOW DENIER INDUSTRIAL	2.0	1.4	+42.9	2.2	-9.1	6.6	8.3	-20.5
- TEXTILE	89.6	81.9	+9.4	75.3	+19.0	316.6	297.2	+6.5
OLEFIN	86.0	82.1	+4.8	58.3	+47.5	326.0	231.9	+40.6
TOTAL NONCELLULOSIC ABOVE	**330.8**	**312.8**	+5.8	**303.2**	+9.1	**1234.8**	**1177.8**	+4.8
STAPLE+TOW+FIBERFILL								
RAYON	30.0	27.7	+8.3	35.9	-16.4	111.7	137.9	-19.0
NYLON[d]	67.9	65.0	+4.5	82.3	-17.5	264.0	299.0	-11.7
ACRYLIC+MODACRYLIC	54.9	57.8	-5.0	58.2	-5.7	219.2	227.3	-3.6
POLYESTER	177.6	175.4	+1.3	200.8	-11.6	684.9	747.8	-8.4
OLEFIN+VINYON	24.5	23.7	+3.4	20.2	+21.3	92.7	77.7	+19.3
TOTAL NONCELLULOSIC ABOVE	**324.9**	**321.9**	+0.9	**361.5**	-10.1	**1280.8**	**1351.8**	-6.7

-- Means no change.

a. Percent change from previous month to current month.

b. Percent change to current month from same month last year.

c. Percent change from cumulative total last year to cumulative total this year.

d. Nylon excludes Aramid.

Also see footnotes on last page of this issue.

Textile Organon

MAY, 1985 A MONTHLY REVIEW

Editor
Robert P. Anstadt

Editor,
Man-Made Fiber Producers' Handbook
Rosemarie Frick

Publishing Headquarters:
Textile Economics Bureau, Inc.
101 Eisenhower Parkway
Roseland, NJ 07068
U.S.A.
Telephone: (201) 228-1107

ISSN 0040-5132
Copyright ®1985
Textile Economics Bureau, Inc.

TEXTILE ORGANON is published monthly. All rights reserved. This booklet may be reproduced in part if credit is given.

Subscription rates as of January 1985 (payable in U.S. dollars with order):

Term	U.S.A.	Other
Annually (1 year only)	125.00	167.50
Schools & Nonprofit	25.00	35.00
Single Issues:		
June	20.00	30.00
September	20.00	30.00
All Others	15.00	20.00

All issues will be sent to U.S. subscribers by first-class mail and those to all other countries by airmail.

Contents

Features

1984 Per Capita Consumption Review 87-91
- Graph 1: Per Capita Consumption 87
- Graph 2: Comparison of Population, GNP & Per Capita Consumption 88
- U.S. Population, GNP & Per Capita GNP 89
- U.S. Average Annual Fiber Available for Consumption 89
- Domestic Consumption of Fiber & Products 89
- Mill Consumption by Fiber 90
- Percent Analysis of Population, GNP & Man-Made Fiber, Cotton & Wool 90
- Raw Fiber Equivalent of Imports of Manufactures & Consumption of Fibers 91
- Per Capita Consumption of Imports of Manufactures & Consumption of Fibers 91

May Capacity Survey Analysis 92-95
- Graph 3: Industry Capacity Utilization 92
- U.S. Man-Made Fiber Production & Producing Capacity 93
- Noncellulosic Fiber Capacity Detail 94
- Graph 4: Noncellulosic Yarn Vs. Staple 94
- Graph 5: Nylon Carpet Yarn Capacity Utilization 95
- Graph 6: Polyester Textile Yarn Capacity Utilization 95
- Graph 7: Polyester Staple+tow Capacity Utilization 95

Industry Regulars

Total Man-Made Fiber Shipments 84

Datagram 86

Trade Barometer 96-100
- Graph 8: Imports Vs. Exports Of Man-Made Fiber 96
- Graph 9: Man-Made Fiber Monthly Trade Balance 97
- Man-Made Fiber Monthly Trade Balance Detail 97
- Monthly U.S. Man-Made Fiber Data 98-100
  - Exports By Fiber 98
  - Imports By Country Of Origin 99
  - Imports For Consumption By Fiber 100

Quarterly Man-Made Fiber Data 101-102
- Yarn+Monofilaments 101
- Staple+Tow 102

Selected U.S. Textile Fiber Data 103

MAY CAPACITY UTILIZATION

Total industry capacity (excluding textile glass fiber) rose to 10,372 million pounds, up ½% from the 10,335 million pounds recorded in the November 1984 Survey.

Noncellulosic staple+tow capacity increased slightly from 4,981 million pounds as of the November 1984 ORGANON Capacity Survey to 4,989 million pounds.

The noncellulosic filament yarn capacity grew from 4,509 million pounds to 4,600 million pounds, with major increases in nylon carpet and olefin.

PER CAPITA FIBER CONSUMPTION GROWS MARGINALLY FROM 1983

In 1984, the per capita consumption of all fibers (excluding non-textile glass fiber) grew slightly from 54.4 pounds to 54.9 pounds.

Man-Made Fiber per capita consumption declined to 37.0 pounds in 1984, or 1% from 1983.

Cotton consumption increased to 16.5 pounds in 1984, up 4.4% from the 1983 level of 15.8 pounds. This increase can be attributed to high quantities of cotton imports into the United States.

Wool consumption recorded a hefty gain of 16.7% in 1984 over 1983.

AVTEX TO SELL VINYON STAPLE BUSINESS TO CELANESE

Celanese Fiber Operations has acquired Avtex Fibers, Inc.'s vinyon staple fiber business, making Celanese the only domestic producer of that fiber. All viscose staple fiber production machinery and equipment will be moved to Celanese's Rock Hill, S.C. plant. Production is expected to begin in about six months. Major applications for that fiber are automotive interiors and tea bag paper. (DNR, 5/24/85)

ENKA DISCUSSES SALE OF FIBER BUSINESS

Enka has announced plans to sell all or part of its fiber business. Talks have been held with a number of firms, both foreign and domestic. Enka, a producer of rayon, nylon and polyester, has incurred high costs, because it is not vertically integrated. They are the only major fiber producer without raw materials. (DNR, 5/21/85)

1984 PER CAPITA CONSUMPTION REVIEW

Marginal Growth from 1983

Per capita consumption of all textile fibers (excluding non-textile glass fiber) grew to 54.9 pounds in 1984, a rise of ½ pound, or 1% over 1983.

In 1984, per capita consumption was at its highest level since 1978, when an average 55.9 pounds of textile fiber were consumed by each person in the United States (Table 3B). It is interesting to note that though domestic consumption of fiber reached an all-time high in 1984 of 13,059.1 million pounds, the per capita consumption of fiber was only at its fourth highest level since 1970.

Although 1984 was a relatively good year in terms of per capita consumption, industry trends tell a different story.

In the face of a rising general economy, with growth in not only per capita GNP but also population, the per capita consumption of textile fibers exhibits a steadily declining trend line (Graph 2). Since 1970, per capita GNP grew at a rate of 1.8%, while per capita textile fiber consumption declined at a rate of -0.2%.

TABLE & GRAPH SUMMARY

Tables and graphs contained in this feature are described below:

Table 2: Per capita GNP derived by dividing GNP data by population.

Table 3A: Per capita consumption of textile fibers including both textile and non-textile glass fiber. This table is consistant with data previously published in the *Textile Organon*.

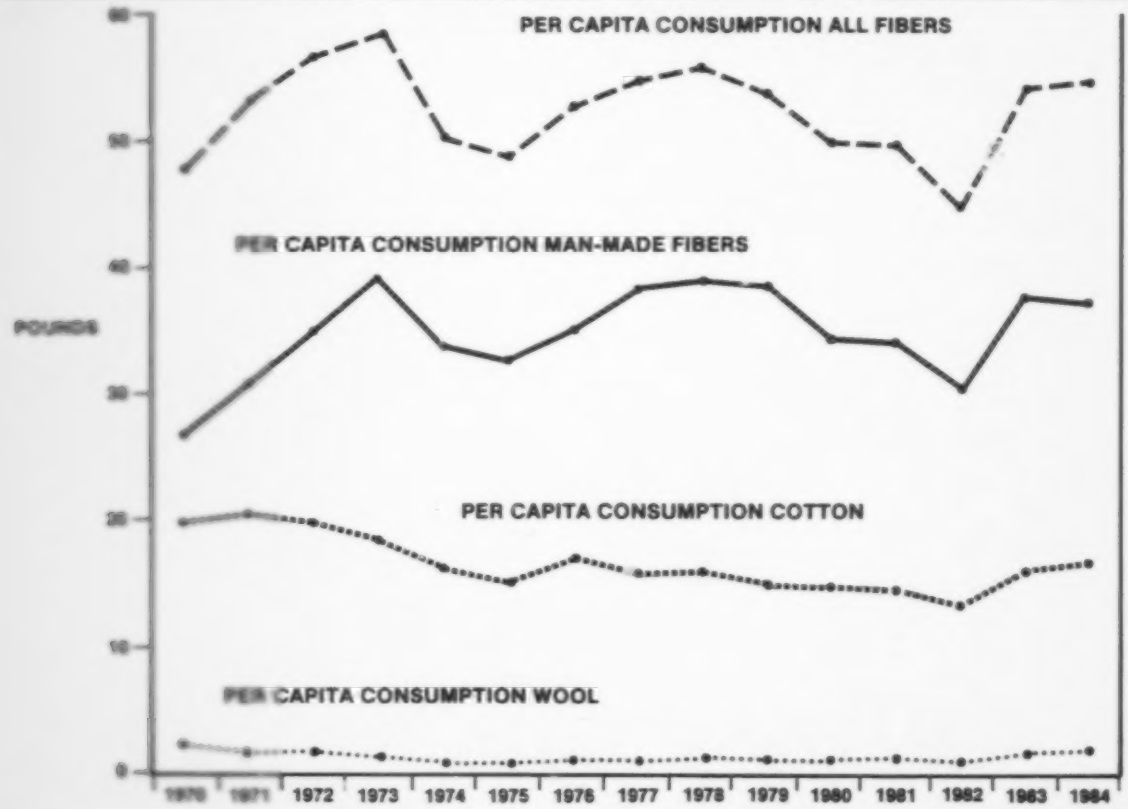
Table 3B: Per capita consumption of textile fibers including only textile glass fiber.

Table 4: Summary of domestic consumption data used to calculate the per capita consumption data found in Tables 3A and 3B.

Table 5: Summary of mill consumption of all fibers, excluding non-textile glass fiber.

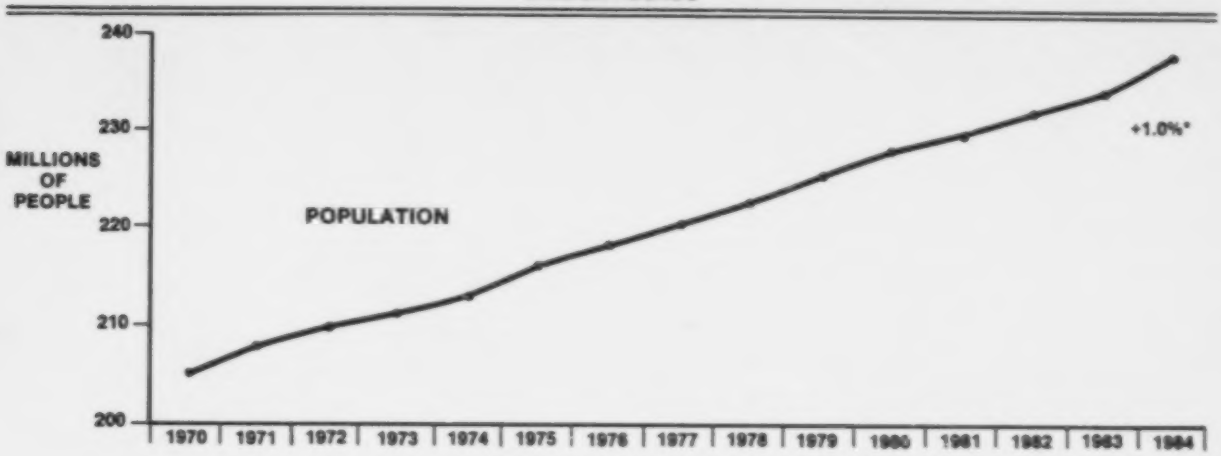
Continued on page 98

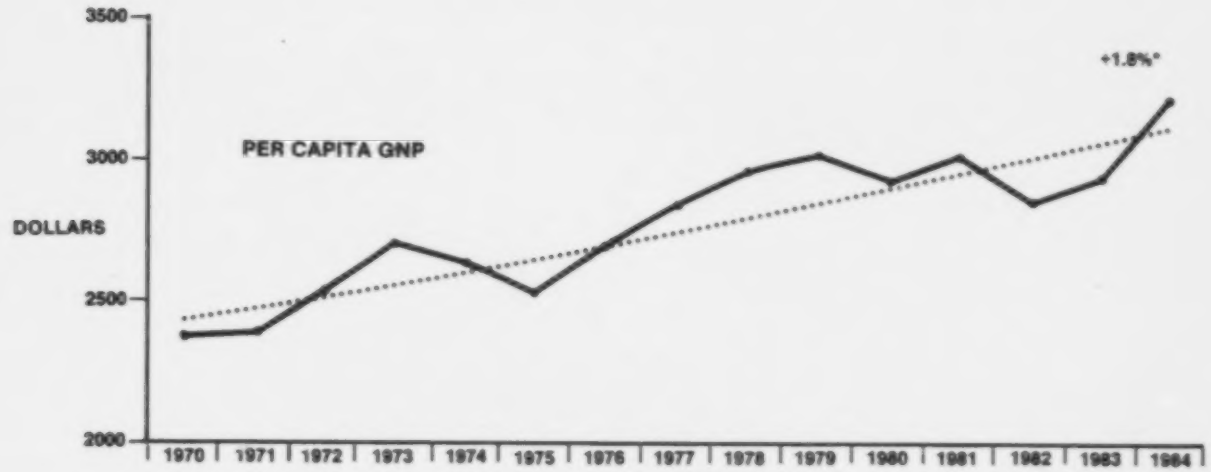
GRAPH 1: PER CAPITA CONSUMPTION
(EXCLUDING NON-TEXTILE GLASS FIBER)

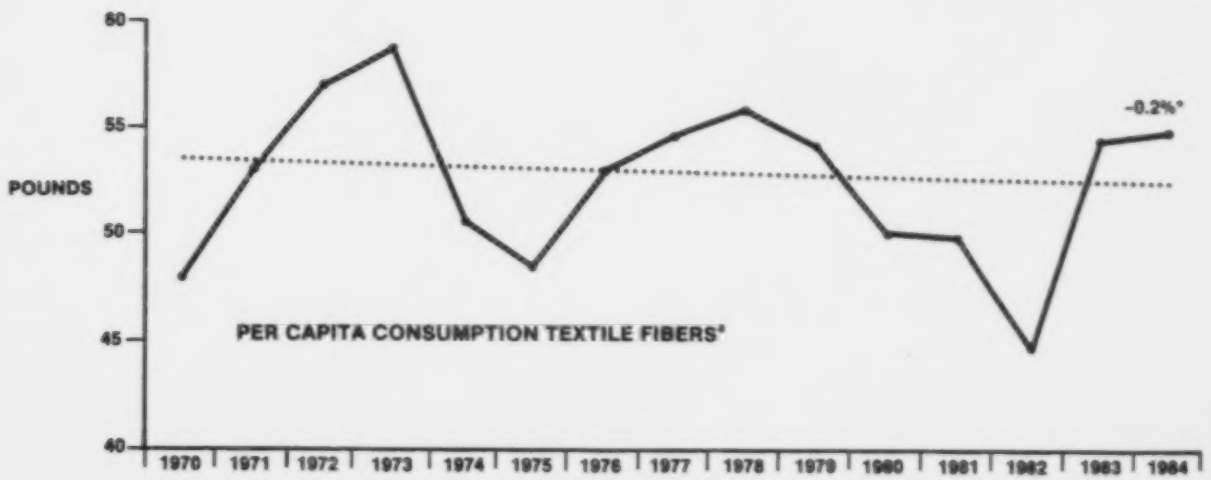


GRAPH 2: COMPARISON OF POPULATION, GNP & PER CAPITA CONSUMPTION OF TEXTILE FIBERS

MILLION POUNDS







a. Man-made fiber (excluding non-textile glass fiber) cotton & wool.
* Least Square Trend Line Growth Rate.

TABLE 2: U.S. POPULATION, GROSS NATIONAL PRODUCT (GOODS PRODUCED) [a] & PER CAPITA GROSS NATIONAL PRODUCT

YEAR	POPULATION[b]	GNP	PER CAPITA[c]
1970	205.1	486.9	2,374
1971	207.7	497.2	2,394
1972	209.9	529.6	2,523
1973	211.9	572.3	2,701
1974	213.9	562.5	2,630
1975	216.0	547.4	2,534
1976	218.0	587.2	2,694
1977	220.2	628.1	2,852
1978	222.6	662.0	2,974
1979	225.1	677.7	3,011
1980	227.7	668.1	2,934
1981	229.8	692.6	3,014
1982	232.0	661.6	2,852
1983	234.2	688.6	2,940
1984	237.6	764.4	3,217

Source: *Survey of Current Business, U.S. Dept. of Commerce and Economic Report to the President.*
a. In billions of 1972 dollars.
b. In millions.
c. In dollars.

TABLE 3A: U.S. AVERAGE ANNUAL FIBER AVAILABLE FOR CONSUMPTION[a] - INCLUDING TEXTILE & NON-TEXTILE GLASS FIBER

POUNDS

PERIOD[b]	POPULATION	PER CAPITA			
		MAN-MADE FIBER	COTTON	WOOL	TOTAL
1920-1924	110.2	0.2	23.8	4.0	28.0
1925-1929	118.9	0.7	26.0	3.6	30.3
1930-1934	124.9	1.4	20.5	2.6	24.5
1935-1939	129.1	2.7	24.9	3.4	31.0
1940-1944	135.1	4.7	35.1	4.5	44.3
1945-1949	144.2	6.6	28.0	4.8	39.4
1950-1954	157.6	9.0	26.9	3.8	39.7
1955-1959	171.9	10.3	23.7	3.0	37.0
1960-1964	186.4	12.9	22.6	3.0	38.5
1965-1969	198.6	22.9	23.0	2.5	48.4
1970-1974	209.7	35.1	18.9	1.2	55.2
1975-1979	220.4	39.5	15.6	0.9	56.0
1965	194.2	18.3	23.9	2.9	45.1
1966	196.5	20.2	25.1	2.7	48.0
1967	198.7	21.4	23.5	2.2	47.1
1968	200.7	26.7	21.9	2.4	51.0
1969	202.7	27.9	20.9	2.2	51.0
1970	205.1	27.7	19.7	1.7	49.1
1971	207.7	32.9	20.4	1.3	54.6
1972	209.9	37.5	19.9	1.3	58.7
1973	211.9	41.7	18.3	1.0	61.0
1974	213.9	35.9	16.0	0.7	52.6
1975	216.0	34.7	14.9	0.7	50.3
1976	218.0	37.5	16.9	0.9	55.3
1977	220.2	41.1	15.8	0.9	57.8
1978	222.6	42.4	15.8	1.0	59.2
1979	225.1	41.6	14.8	0.9	57.3
1980	227.7	37.5	14.7	0.9	53.1
1981	229.8	37.9	14.5	1.0	53.4
1982	232.0	33.6	13.5	0.9	48.0
1983	234.2	41.7	15.8	1.2	58.7
1984	237.6	41.7	16.5	1.4	59.6

a. Based on total U.S. domestic consumption (Mill Consumption plus imports less exports of semimanufactured and manufactured products).
b. Five-year coverages for 1920-1979 and annual data for 1965-1984.

TABLE 3B: U.S. AVERAGE ANNUAL FIBER AVAILABLE FOR CONSUMPTION - EXCLUDING NON-TEXTILE GLASS FIBER

POUNDS

YEAR	PER CAPITA			
	MAN-MADE FIBER	COTTON	WOOL	TOTAL
1970	26.4	19.7	1.7	47.8
1971	31.3	20.4	1.3	53.0
1972	35.5	19.9	1.3	56.7
1973	39.3	18.3	1.0	58.6
1974	33.7	16.0	0.7	50.4
1975	32.8	14.9	0.7	48.4
1976	35.0	16.9	0.9	52.8
1977	38.1	15.8	0.9	54.8
1978	39.1	15.8	1.0	55.9
1979	38.3	14.8	0.9	54.0
1980	34.4	14.7	0.9	50.0
1981	34.2	14.5	1.0	49.7
1982	30.3	13.5	0.9	44.7
1983	37.4	15.8	1.2	54.4
1984	37.0	16.5	1.4	54.9

TABLE 4: DOMESTIC CONSUMPTION OF FIBER & PRODUCTS

MILLION POUNDS

YEAR	MAN-MADE FIBER (Non-Add)[a]	MAN-MADE FIBER[b]	COTTON	WOOL	TOTAL
1970	5683.1	5422.8	4037.5	354.3	9814.6
1971	6833.6	6508.7	4231.3	276.1	11016.1
1972	7868.6	7458.2	4170.1	279.3	11907.6
1973	8841.3	8322.6	3881.6	212.6	12416.8
1974	7678.6	7202.4	3416.3	146.8	10765.5
1975	7494.5	7081.2	3216.3	161.4	10458.9
1976	8179.8	7639.2	3684.4	198.7	11522.3
1977	9050.6	8400.3	3469.7	208.3	12078.3
1978	9428.6	8695.6	3530.1	222.2	12447.9
1979	9374.4	8625.3	3334.5	201.0	12160.8
1980	8529.2	7832.6	3352.2	199.1	11383.9
1981	8704.9	7863.4	3325.4	234.0	11422.8
1982	7788.4	7034.5	3122.7	218.8	10376.0
1983	9759.1	8762.6	3711.5	274.7	12748.8
1984	9909.3	8792.1	3929.5	337.5	13059.1

a. Includes ***both*** textile and non-textile types of glass fiber.
b. Includes ***only*** textile glass fiber.

TABLE 5: MILL CONSUMPTION BY FIBER

BILLION POUNDS

YEAR	RAYON	ACETATE[a]	NYLON[b]	POLYESTER	ACRYLIC[c]	OLEFIN	GLASS[d]	COTTON	WOOL	TOTAL
1970	0.9	0.5	1.3	1.8	0.5	0.2	0.1	3.8	0.3	9.2
1971	1.0	0.5	1.7	2.0	0.5	0.3	0.1	4.0	0.2	10.3
1972	1.0	0.4	2.1	2.5	0.6	0.4	0.2	3.9	0.2	11.3
1973	1.0	0.4	2.3	3.1	0.7	0.5	0.2	3.6	0.2	12.0
1974	0.8	0.3	2.0	2.9	0.6	0.5	0.2	3.3	0.1	10.7
1975	0.5	0.3	2.0	3.1	0.5	0.5	0.1	3.1	0.1	10.2
1976	0.6	0.3	2.1	3.3	0.6	0.5	0.1	3.4	0.1	11.0
1977	0.6	0.3	2.3	3.6	0.7	0.6	0.1	3.2	0.1	11.5
1978	0.6	0.3	2.5	3.7	0.6	0.7	0.2	3.0	0.1	11.7
1979	0.5	0.3	2.7	3.8	0.6	0.7	0.2	3.1	0.1	12.0
1980	0.5	0.3	2.3	3.5	0.6	0.7	0.2	3.1	0.1	11.3
1981	0.5	0.2	2.2	3.5	0.5	0.8	0.1	2.7	0.2	10.7
1982	0.3	0.2	1.9	2.9	0.5	0.8	0.1	2.5	0.1	9.3
1983	0.4	0.2	2.4	3.5	0.5	0.9	0.2	2.8	0.2	11.1
1984	0.4	0.2	2.4	3.2	0.5	1.0	0.2	2.7	0.2	10.8

a. Includes triacetate. Cigarette tow is excluded.
b. Includes aramid for all years but 1983 & 1984.
c. Includes modacrylic.
d. Includes only glass fibers for Textile End Uses.

TABLE 6: PERCENT ANALYSIS OF POPULATION, PER CAPITA GNP (Goods Produced) AND PER CAPITA CONSUMPTION OF MAN-MADE FIBER[c], COTTON & WOOL

1970-1984

YEAR	POPULATION	%[a]	%[b]	PER CAPITA GNP	%[a]	%[b]	PER CAPITA CONSUMPTION MAN-MADE FIBER	%[a]	%[b]	PER CAPITA CONSUMPTION COTTON	%[a]	%[b]	PER CAPITA CONSUMPTION WOOL	%[a]	%[b]	PER CAPITA CONSUMPTION ALL FIBERS	%[a]	%[b]
1970	205.1	--	--	2,374	--	--	26.4	--	--	19.7	--	--	1.7	--	--	47.8	--	--
1971	207.7	*+1.3*	*+1.3*	2,394	*+0.8*	*+0.8*	31.3	*+18.6*	*+18.6*	20.4	*+3.5*	*+3.5*	1.3	*-23.5*	*-23.5*	53.0	*+10.9*	*+10.9*
1972	209.9	*+1.1*	*+2.3*	2,523	*+5.4*	*+6.3*	35.5	*+13.4*	*+34.5*	19.9	*-2.5*	*+1.0*	1.3	--	*-23.5*	56.7	*+7.0*	*+18.6*
1973	211.9	*+0.9*	*+3.3*	2,701	*+7.0*	*+13.8*	39.3	*+10.7*	*+48.9*	18.3	*-8.0*	*-7.1*	1.0	*-23.1*	*-41.2*	58.6	*+3.4*	*+22.8*
1974	213.9	*+0.9*	*+4.3*	2,630	*-2.6*	*+10.8*	33.7	*-14.2*	*+27.7*	16.0	*-12.6*	*-18.8*	0.7	*-30.0*	*-58.8*	50.4	*-14.0*	*+5.4*
1975	216.0	*+1.0*	*+5.3*	2,534	*-3.7*	*+6.7*	32.8	*-2.7*	*+24.2*	14.9	*-6.9*	*-24.4*	0.7	--	*-58.8*	48.4	*-4.0*	*+1.3*
1976	218.0	*+0.9*	*+6.3*	2,694	*+6.3*	*+13.5*	35.0	*+6.7*	*+32.6*	16.9	*+13.4*	*-14.2*	0.9	*+28.6*	*-47.1*	52.8	*+9.1*	*+10.5*
1977	220.2	*+1.0*	*+7.4*	2,852	*+5.9*	*+20.1*	38.1	*+8.9*	*+44.3*	15.8	*-6.5*	*-19.8*	0.9	--	*-47.1*	54.8	*+3.8*	*+14.6*
1978	222.6	*+1.1*	*+8.5*	2,974	*+4.3*	*+25.3*	39.1	*+2.6*	*+48.1*	15.8	--	*-19.8*	1.0	*+11.1*	*-41.2*	55.9	*+2.0*	*+16.9*
1979	225.1	*+1.1*	*+9.7*	3,011	*+1.2*	*+26.8*	38.3	*-2.0*	*+45.1*	14.8	*-6.3*	*-24.9*	0.9	*-10.0*	*-47.1*	54.0	*-3.4*	*+13.0*
1980	227.7	*+1.1*	*+11.0*	2,934	*-2.6*	*+23.6*	34.4	*-10.2*	*+30.3*	14.7	*-0.7*	*-25.4*	0.9	--	*-47.1*	50.0	*-7.4*	*+4.6*
1981	229.8	*+0.9*	*+12.0*	3,014	*+2.7*	*+27.0*	34.2	*-0.6*	*+29.5*	14.5	*-1.4*	*-26.4*	1.0	*+11.1*	*-41.2*	49.7	*-0.6*	*+4.0*
1982	232.0	*+1.0*	*+13.1*	2,852	*-5.4*	*+20.1*	30.3	*-11.4*	*+14.8*	13.5	*-6.9*	*-31.5*	0.9	*-10.0*	*-47.1*	44.7	*-10.1*	*-6.5*
1983	234.2	*+0.9*	*+14.3*	2,940	*+3.1*	*+23.8*	37.4	*+23.4*	*+41.7*	15.8	*+17.0*	*-19.8*	1.2	*+33.3*	*-29.4*	54.4	*+21.7*	*+13.8*
1984	237.6	*+1.5*	*+15.8*	3,217	*+9.4*	*+35.5*	37.0	*-1.1*	*+40.2*	16.5	*+4.4*	*-16.2*	1.4	*+16.7*	*-17.6*	54.9	*+0.9*	*+14.8*

Population is in millions of people.
Per Capita GNP is in dollars.
All other Per Capita Consumption data are in pounds.
All data are taken from the tables on page 89.

a. Percent change year to year.
b. Percent change since 1970.
c. Man-made fiber data exclude non-textile glass fiber.

TABLE 7: RAW FIBER EQUIVALENT OF IMPORTS OF MAN-MADE FIBER, COTTON & WOOL MANUFACTURES

MILLION POUNDS

COMMODITY	MAN-MADE FIBER						COTTON						WOOL					
	1979	1980	1981	1982	1983	1984	1979	1980	1981	1982	1983	1984	1979	1980	1981	1982	1983	1984
IMPORTS																		
SEMIMANUFACTURED PRODUCTS																		
YARN, THREAD, ETC.	37.5	30.2	34.9	38.2	58.0	71.0	12.4	19.4	24.1	28.5	42.1	54.6	4.2	4.2	5.0	7.7	7.6	16.3
CLOTH	81.6	81.4	106.2	105.7	138.0	170.4	236.7	258.4	350.3	266.5	346.3	450.8	21.7	21.1	27.8	25.6	28.1	39.0
SUBTOTAL	**119.1**	**111.6**	**141.1**	**143.9**	**196.0**	**241.4**	**249.1**	**277.8**	**374.4**	**295.0**	**388.4**	**505.4**	**25.9**	**25.3**	**32.8**	**33.3**	**35.7**	**55.3**
MANUFACTURED PRODUCTS																		
WEARING APPAREL	359.8	378.6	437.1	486.5	576.0	688.9	426.3	463.8	504.0	510.5	622.8	759.5	39.2	41.7	40.9	46.4	58.8	80.8
INDUSTRIAL	0.1	0.1	0.3	1.1	1.3	0.4	5.6	10.1	8.8	10.0	14.3	37.6	NOMINAL POUNDAGES INCLUDED IN OTHER					
HOME FURNISHINGS	46.0	50.3	60.6	66.5	296.1	411.3	44.4	45.4	59.5	67.0	78.0	138.9	14.4	17.3	18.5	19.6	34.8	52.1
ALL OTHER							20.7	13.8	15.2	14.7	31.9	23.4	1.1	0.8	0.9	0.8	2.6	1.2
SUBTOTAL	**405.9**	**429.0**	**498.0**	**554.1**	**873.4**	**1100.6**	**497.0**	**533.1**	**587.5**	**602.2**	**747.0**	**959.4**	**54.7**	**59.8**	**60.3**	**66.8**	**96.2**	**134.1**
TOTAL IMPORTS	**525.0**	**540.6**	**639.1**	**698.0**	**1069.4**	**1342.0**	**746.1**	**810.9**	**961.9**	**897.2**	**1135.4**	**1464.8**	**80.6**	**85.1**	**93.1**	**100.1**	**131.9**	**189.4**

All of these data are taken from the table on page 45, March 1985 *Textile Organon.*

TABLE 8: PER CAPITA CONSUMPTION OF IMPORTS OF MAN-MADE FIBER, COTTON & WOOL MANUFACTURES AS COMPARED TO PER CAPITA CONSUMPTION OF MAN-MADE FIBER, COTTON & WOOL

POUNDS & *Percent*

YEAR	IMPORTS															DOMESTIC FIBER CONSUMPTION					
	MAN-MADE FIBER					COTTON					WOOL					MAN-MADE FIBER		COTTON		WOOL	
	TOTAL	%[a]	APPAREL	%[a]	%[b]	TOTAL	%[a]	APPAREL	%[a]	%[b]	TOTAL	%[a]	APPAREL	%[a]	%[b]		%[a]		%[a]		%[a]
1978	2.9	--	1.9	--	*65.5*	3.8	--	1.9	--	*50.0*	0.4	--	0.2	--	*50.0*	39.1	--	15.8	--	1.0	--
1979	2.3	*-20.7*	1.6	*-15.8*	*69.6*	3.3	*-13.2*	1.9	--	*57.6*	0.4	--	0.2	--	*50.0*	38.3	*-2.0*	14.8	*-6.3*	0.9	*-10.0*
1980	2.4	*+4.3*	1.7	*+6.2*	*70.8*	3.6	*+9.1*	2.0	*+5.3*	*55.5*	0.4	--	0.2	--	*50.0*	34.4	*-10.2*	14.7	*-0.7*	0.9	--
1981	2.8	*+16.7*	1.9	*+11.8*	*67.9*	4.2	*+16.7*	2.2	*+10.0*	*52.4*	0.4	--	0.2	--	*50.0*	34.2	*-0.6*	14.5	*-1.4*	1.0	*+11.1*
1982	3.0	*+7.1*	2.1	*+10.5*	*70.0*	3.9	*-7.1*	2.2	--	*56.4*	0.4	--	0.2	--	*50.0*	30.3	*-11.4*	13.5	*-6.9*	0.9	*-10.0*
1983	4.6	*+53.3*	2.5	*+19.0*	*54.3*	4.8	*+23.1*	2.7	*+22.7*	*56.3*	0.6	*+50.0*	0.3	*+50.0*	*50.0*	37.4	*+23.4*	15.8	*+17.0*	1.2	*+33.3*
1984	5.6	*+21.7*	2.9	*+16.0*	*51.8*	6.2	*+29.2*	3.2	*+18.5*	*51.6*	0.8	*+33.3*	0.3	--	*37.5*	37.0	*-1.1*	16.5	*+4.4*	1.4	*+16.7*

-- Means no change.

a. Percent change from previous year.

b. Percent of total imports of semimanufactured & manufactured products.

MAY 1985 CAPACITY SURVEY ANALYSIS

Capacity Utilization Falls

Capacity utilization rates fell during the first four months of 1985. Based on annualized January-April production data and May 1985 Capacity Survey results, the capacity utilization rate for the U.S. man-made fiber industry stood at 78.1%, as compared to 78.5% in 1984 (Graph 3).

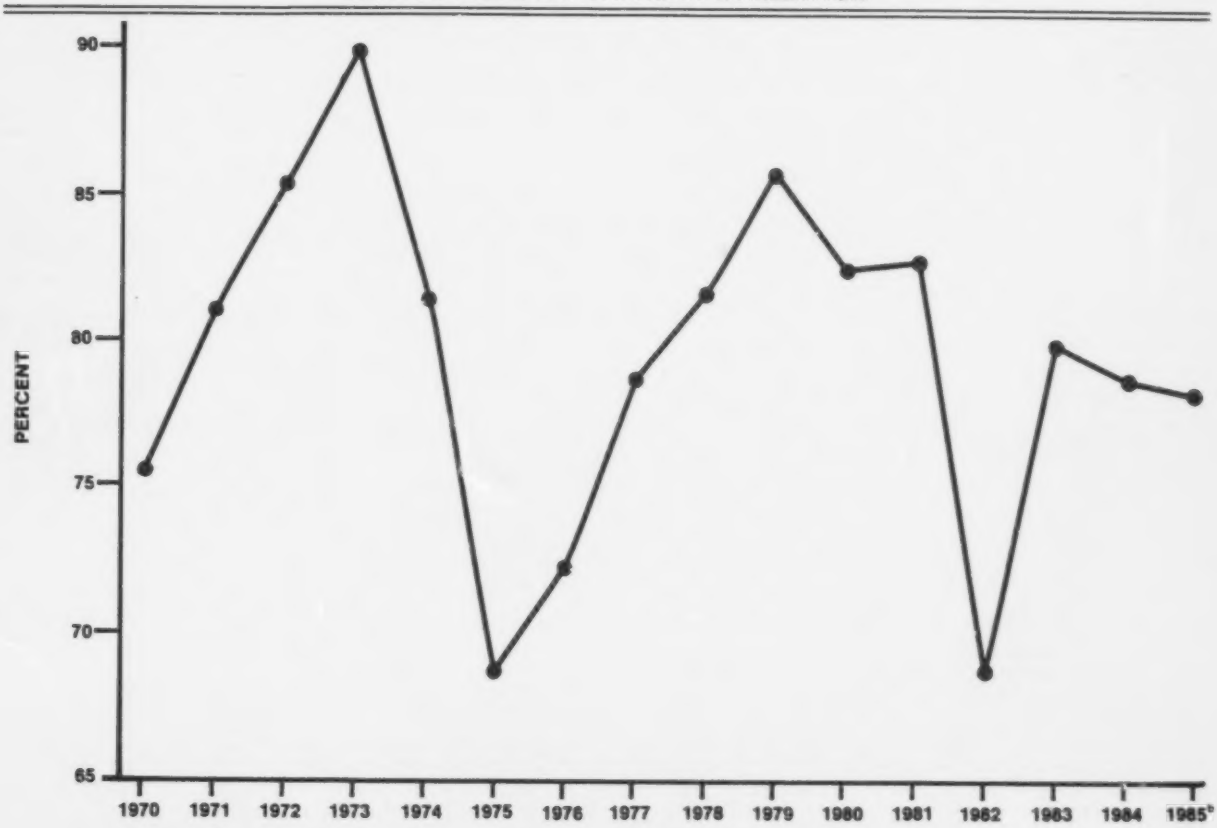
Even though utilization rates fell, total industry capacity (excluding textile glass fiber) rose to 10,372 million pounds, up ½% from the 10,335 million pounds recorded in the November 1984 Survey.

Noncellulosic staple+tow capacity increased marginally from 4,981 million pounds as of the November 1984 ***Organon*** Capacity Survey, to 4,989 million pounds (Table 9B).

Since November 1984, filament yarn capacity grew from 4,509 million pounds to 4,600 million pounds on strength of major increases in nylon carpet and olefin (Table 9B).

With this most current Survey, the gap between noncellulosic staple+tow and noncellulosic filament yarn capacity narrowed to 389 million pounds, down from a difference of 472 million pounds in November 1984. Gains in olefin yarn and film fiber, as well as nylon carpet yarn capacity have contributed greatly to the narrowing of the gap between yarn and staple capacity levels.

GRAPH 3: INDUSTRY CAPACITY UTILIZATION[a]



a. Cellulosic and noncellulosic fiber excluding textile glass.
b Utilization based on May 1985 capacity survey and annualized January-April production data.

TABLE 9A: U.S. MAN-MADE FIBER PRODUCTION & PRODUCING CAPACITY

MILLION POUNDS & *Average Denier*

	CELLULOSIC FIBERS								NONCELLULOSIC FIBERS[a]			TEXTILE GLASS TOTAL[c]	GRAND TOTAL MAN-MADE FIBERS		
	FILAMENT YARN+MONOFIL				STAPLE+TOW										
		ACETATE[b]				ACE-			YARN	STAPLE			YARN[d]	STAPLE	
PERIOD	RAYON	LBS	*DENIER*	TOTAL	RAYON	TATE[b]	TOTAL	TOTAL	+MONO	+TOW	TOTAL		+MONO	+TOW	TOTAL
ACTUAL ANNUAL PRODUCTION															
1970	268	463		731	607	35	642	1373	1793	1793	3586	467	2991	2435	5426
1971	304	449		753	612	26	638	1391	2188	2105	4293	468	3409	2743	6152
1972	252	401		653	713	28	741	1394	2773	2583	5356	572	3998	3324	7322
1973	198	437		635	697	25	722	1357	3339	2970	6309	688	4662	3692	8354
1974	172	362		534	645	20	665	1199	3443	2780	6223	683	4660	3445	8105
1975	65	301		366	371	12	383	749	3209	2677	5886	546	4121	3060	7181
1976	68	287		355	475	11	486	841	3306	3320	6626	676	4337	3806	8143
1977	71	282		353	527	8	535	888	3674	3654	7328	787	4814	4189	9003
1978	62	301		363	535	7	542	905	3830	3953	7783	923	5116	4495	9611
1979	57	317		374	549	7	556	930	4155	4282	8437	1014	5543	4838	10381
1980	47	309		356	443	7	450	806	3744	4148	7892	867	4967	4598	9565
1981	48	257		305	461	4	465	770	3815	4191	8006	1041	5161	4656	9817
1982	33	195		228	355	1	356	584	3057	3403	6460	899	4184	3759	7943
1983	26	228		254	375	1	376	630	3568	3970	7538	1169	4991	4346	9337
1984	32	198		230	389	+	389	619	3525	3947	7472	1394	5149	4336	9485
ACTUAL & PROJECTED CAPACITY, ANNUAL RATE, AS OF -															
NOV 1970[e]	360	494	*NA*	854	819	40	859	1713	2440	2422	4862	657	3951	3281	7232
NOV 1971[e]	337	490	*NA*	827	757	30	787	1614	2796	2620	5416	696	4319	3407	7726
NOV 1972[e]	235	486	*NA*	721	761	30	791	1512	3362	3034	6396	721	4804	3825	8629
NOV 1973[e]	224	473	*NA*	697	768	28	796	1493	3738	3302	7040	739	5174	4098	9272
NOV 1974[e]	172	449	*NA*	621	724	28	752	1373	4175	3584	7759	821	5617	4336	9953
NOV 1975[e]	100	384	*NA*	484	737	18	755	1239	4640	3796	8436	909	6033	4551	10584
NOV 1976[e]	85	399	*NA*	484	691	18	709	1193	4878	4254	9132	893	6255	4963	11218
NOV 1977[e]	85	315	*89*	400	655	8	663	1063	4974	4394	9368	1002	6376	5057	11433
NOV 1978[e]	83	330	*87*	413	665	8	673	1086	5000	4571	9571	1118	6531	5244	11775
NOV 1979[e]	75	355	*89*	430	671	8	679	1109	5126	4678	9804	1305	6861	5357	12218
NOV 1980[e]	63	324	*98*	387	514	8	522	909	4933	4714	9647	1473	6793	5236	12029
NOV 1981[e]	52	332	*95*	384	509	5	514	898	4766	4950	9716	1561	6711	5464	12175
NOV 1982[e]	63	318	*96*	381	510	4	514	895	4583	4781	9364	1718	6682	5295	11977
NOV 1983[e]	63	268	*95*	331	510	4	514	845	4477	4827	9304	1618	6426	5341	11767
MAY 1984[e]	63	268	*95*	331	510	4	514	845	4552	4996	9548	1753	6636	5510	12146
NOV 1984[e]	63	268	*95*	331	510	4	514	845	4518	4933	9451	1678	6527	5447	11974
MAY 1985[e]				269[g]	510	4	514	783	4600	4989	9589	1821	6690	5503	12193
NOV 1985[f]				269[g]	510	4	514	783	4684	4980	9664	1841	6794	5494	12288
MAY 1986[f]				269[g]	510	4	514	783	4719	5031	9750	1880	6868	5545	12413
NOV 1986[f]				269[g]	510	4	514	783	4722	5142	9864	1885	6876	5656	12532
MAY 1987[f]				269[g]	510	4	514	783	4855	5153	10008	1885	7009	5667	12676

a. Included are those listed in the November **Organon** issue, with the exception of Aramid fiber as of November 1983. Yarn+mono includes olefin film fiber and spunbonded polypropylene. Staple+tow includes fiberfill.

b. Data include diacetate and triacetate. The acetate staple+tow data do not include the large poundages for cigarette filtration.

c. Textile glass fiber, all types.

d. Grand Total Yarn means the yarn+mono shown **plus** all textile glass fiber.

e. Actual producing capacity as of the date shown.

f. Future producing capacity planned for certain dates as of MAY 1985.

g Detail withheld due to disclosure

Footnotes for Table 9B (Page 94.).

Note: As of the November 1983 survey, nylon capacity data no longer include Aramid fiber.

NA means not available.

IND means industrial yarn and monofil, i.e., 500 denier & coarser, with an Instron tenacity of 7 grams per denier or more; **CARP** means bulked continuous filament yarn for carpets; **TEXTILE** means yarn & monofil for other (textile) applications. Low denier industrial yarn is tabulated here also.

a. Includes polyethylene & polypropylene. Not included here are data on spunbonded polyethylene, monofilament bristles, film fiber used for decorative or tying ribbons, etc.

b. Includes the circular and rectangular (ribbon) cross sections plus spunbonded polypropylene. Olefin film fiber includes slit and split or fibrillated fiber.

c. Other yarn & monofil is chiefly saran and spandex. Aramid data are included with nylon.

d. Actual producing capacity as of date shown.

e. Future producing capacity planned for certain & dates as of May 1985.

SURVEY COVERAGE & DEFINITIONS

The survey figures shown in table 9B on page 94 cover the man-made fibers in all their primary forms, i.e., filament yarn, monofilaments, polypropylene spunbonded and film fiber are tabulated as filament yarn, while staple, tow and fiberfill are tabulated as staple. The glass fiber data cover all primary forms of that fiber (yarn and strand, staple yarn and sliver, roving and cake, chopped and milled fiber and mat) although only an aggregate figure is published to avoid disclosure of individual company data. The textile glass data are included with the filament yarn totals. The "capacity" to produce waste is ***not*** included in this survey.

Capacity is based on the current and projected "mix" of deniers, filament counts, packages, etc. It is ***emphasized*** that all figures refer to ***current*** and ***planned*** capacity. ***They are not to be interpreted as a production forecast.***

Under the survey definitions, all productive equipment which is currently, or is planned to be, in operable condition is counted as capacity, regardless of whether it is actually producing fiber at the time the capacity measurement is taken. On the other hand, equipment which is definitely scheduled for scrapping, or which has been scrapped since the last survey, is excluded from the capacity tabulation. Put another way, the capacity data reflect ***potential***, rather than ***operating***, capacity.

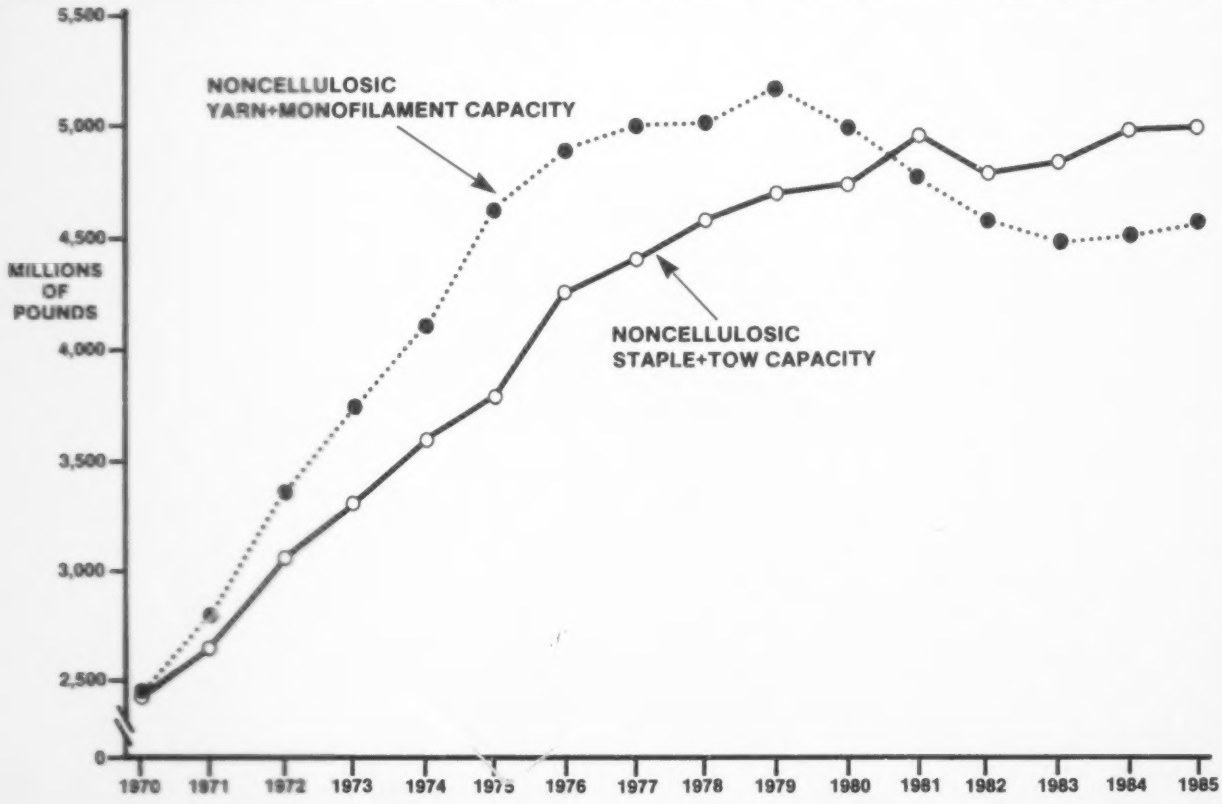
TABLE 9B: NONCELLULOSIC FIBER CAPACITY DETAIL

MILLION POUNDS & *Average Denier*

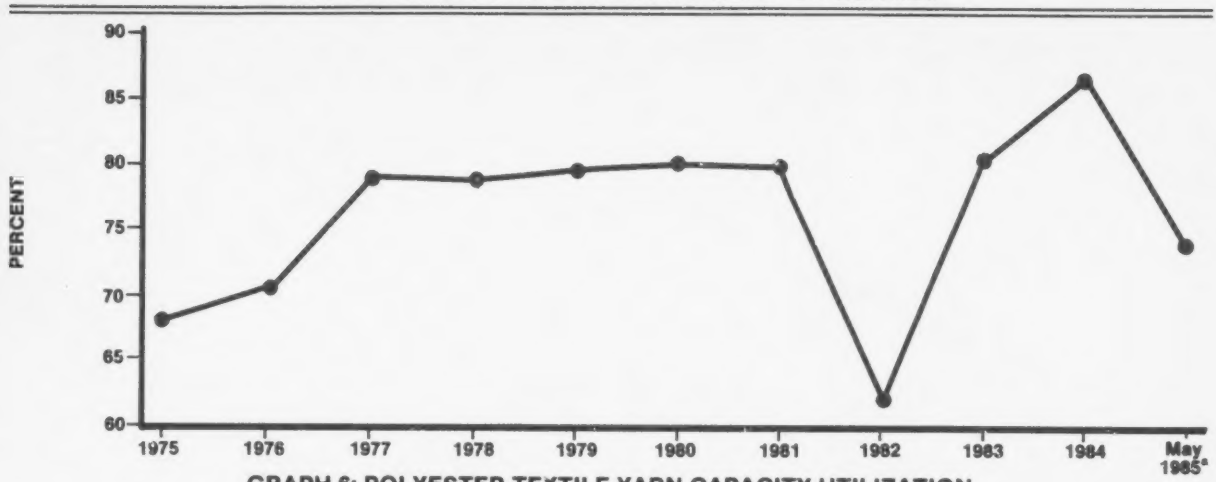
PERIOD	FILAMENT YARN, MONOFIL & OLEFIN FILM FIBER												STAPLE, TOW & FIBERFILL -					NON-CELLULOSIC TOTAL
	NYLON+ARAMID				POLYESTER			OLEFIN[a]					NYLON + ARAMID	ACRYL +MOD-ACRYL	POLY-ESTER	OLEFIN + VINYON	TOTAL	
	IND	CARP	TEXTILE		IND	TEXTILE		YARN	MONO[b]	FILM[b]	OTHER[c]	TOTAL						
			LBS	DEN		LBS	DEN											
NOV 1970[d]	480	428	569	*NA*	294	316	*NA*	110	119	106	18	2440	280	659	1370	113	2422	4862
NOV 1971[e]	463	531	522	*NA*	337	559	*NA*	89	163	113	19	2796	460	698	1355	107	2620	5416
NOV 1972[f]	489	626	559	*NA*	364	892	*NA*	96	177	159	20	3362	602	754	1571	107	3034	6396
NOV 1973[g]	466	707	534	*NA*	385	1118	*NA*	106	214	190	18	3738	701	787	1709	105	3302	7040
NOV 1974[h]	483	770	552	*NA*	403	1351	*NA*	125	254	221	16	4175	757	824	1899	104	3584	7759
NOV 1975[i]	503	786	553	*NA*	391	1576	*NA*	168	313	334	16	4640	827	827	2021	121	3796	8436
NOV 1976[j]	519	787	552	*54*	442	1701	*133*	178	312	371	16	4878	910	869	2355	120	4254	9132
NOV 1977[k]	523	829	558	*55*	443	1698	*126*	173	336	398	16	4974	939	869	2470	116	4394	9368
NOV 1978[l]	510	908	565	*53*	443	1643	*116*	174	347	394	16	5000	1023	865	2554	129	4571	9571
NOV 1979[m]	513	950	579	*51*	443	1699	*114*	172	342	408	20	5126	1020	839	2673	146	4678	9804
NOV 1980[n]	515	910	551	*52*	400	1637	*113*	120	350	430	20	4933	991	830	2759	134	4714	9647
NOV 1981[o]	514	893	553	*49*	316	1481	*114*	178	356	455	20	4766	1010	835	2839	266	4950	9716
NOV 1982[p]	474	925	513	*53*	338	1265	*119*	209	369	460	30	4583	976	832	2700	271	4781	9364
NOV 1983[q]	440	907	494	*52*	337	1170	*122*	240	375	484	30	4477	1017	826	2704	280	4827	9304
NOV 1984[r]	437	926	470	*54*	342	1162	*121*	270	386	486	30	4509	1054	807	2784	336	4981	9490
MAY 1985[s]	438	946	472	*54*	343	1112	*121*	285	388	586	30	4600	1072	749	2789	379	4989	9589
NOV 1985[s]	438	966	469	*54*	371	1112	*122*	293	390	615	30	4684	1082	675	2789	434	4980	9664
MAY 1986[t]	438	971	469	*55*	382	1118	*122*	306	390	615	30	4719	1132	676	2789	434	5031	9750
NOV 1986[t]	438	976	469	*55*	390	1098	*122*	316	390	615	30	4722	1132	687	2889	434	5142	9864
MAY 1987[u]	438	1016	469	*55*	392	1098	*122*	371	390	651	30	4855	1132	698	2889	434	5153	10008

NOTE: see page 93 for footnotes.

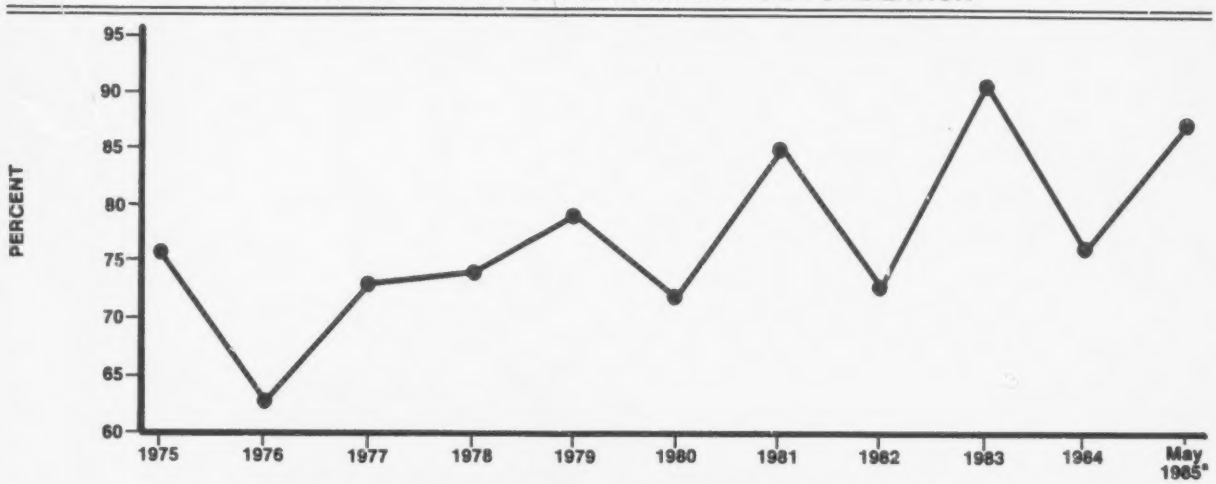
GRAPH 4: NONCELLULOSIC YARN+MONOFILAMENT CAPACITY VS. STAPLE+TOW CAPACITY



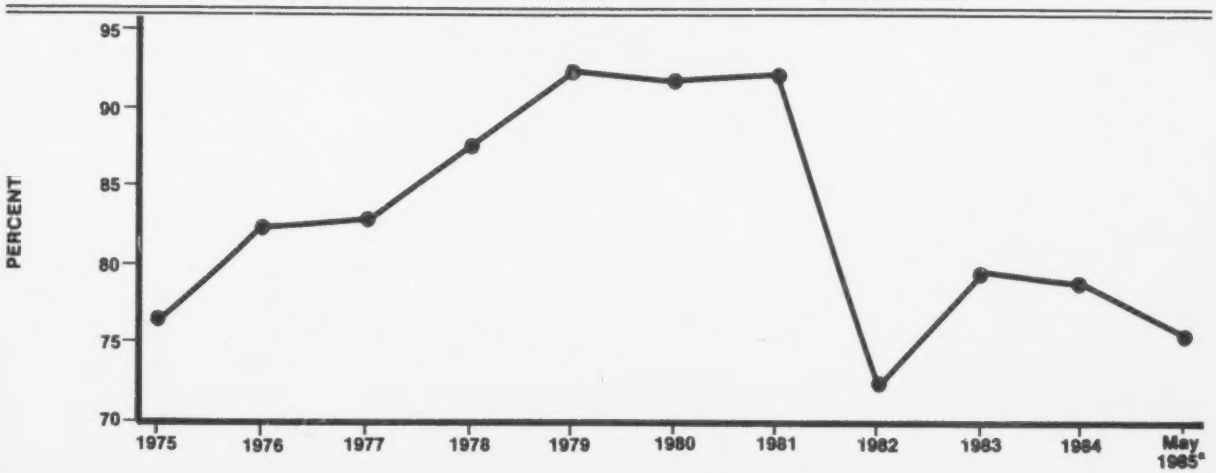
GRAPH 5: NYLON CARPET YARN CAPACITY UTILIZATION



GRAPH 6: POLYESTER TEXTILE YARN CAPACITY UTILIZATION



GRAPH 7: POLYESTER STAPLE+TOW CAPACITY UTILIZATION



a. Utilization based on May 1985 capacity survey and annualized January-April production data.

TRADE BAROMETER

MAN-MADE FIBER TRADE BALANCE RISES

The U.S. man-made fiber balance of trade rose in March, as the net-export balance of trade rose to 35.6 million pounds, up from the 26.1 million-pound export balance in February.

A rise in exports more than offset a rise in imports. Exports of fiber totaled 66.7 million pounds, up 27% from February's level of 52.6 million pounds. March imports of fiber totaled 31.1 million pounds, up over 17% from 26.5 million pounds in February.

The March trade balance is over 28% below that of March 1984. This month's exports are over 13% lower than last March's level, while imports are nearly 14% above last March's level.

MARCH DETAIL

The net-export trade balance in noncellulosic staple+tow rose nearly 41% in March to 23.4 million pounds, while the net-export balance in noncellulosic yarn+monofilaments fell over 16% to 10.2 million pounds.

The noncellulosic staple+tow balance of trade rose in March as exports rose over 32% and imports rose 19%.

The balance of trade for noncellulosic yarn fell in March as a result of rising imports and marginal gains in exports. Imports rose 38%, while exports rose 4%.

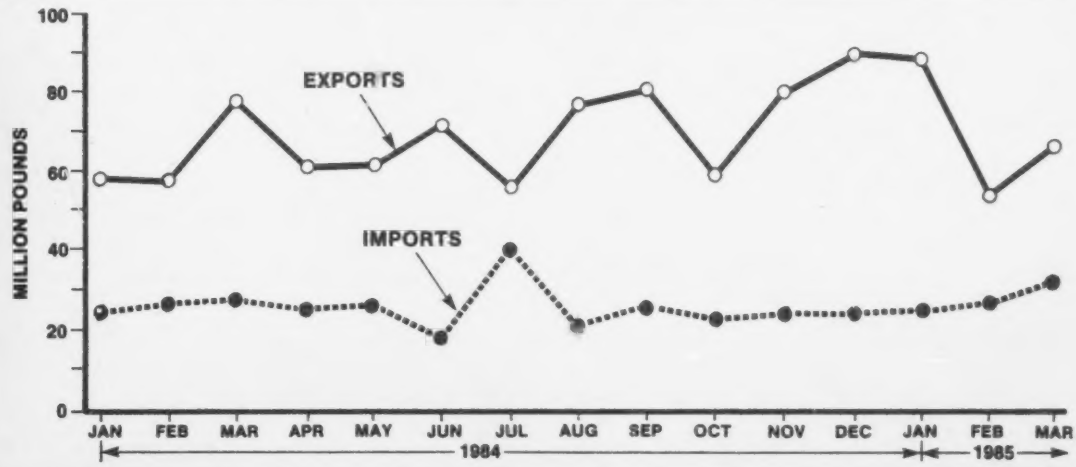
Products to note in March--

- Polyester staple+tow. Exports rose by 90%.
- Nylon staple. Imports rose by 137%.
- Nylon textured yarn. Imports rose by 47%.

NOTE ABOUT MANUFACTURES TRADE DATA

Due to substantial revisions and additions to the U.S. Census TSUSA commodity number system, there will not be a listing of trade data for manufactures this month. As soon as changes are implemented the manufactures trade data will again appear in the ORGANON.

GRAPH 8: IMPORTS VERSUS EXPORTS OF MAN-MADE FIBER
MILLION POUNDS



GRAPH 9: MAN-MADE FIBER MONTHLY TRADE BALANCE
MILLION POUNDS

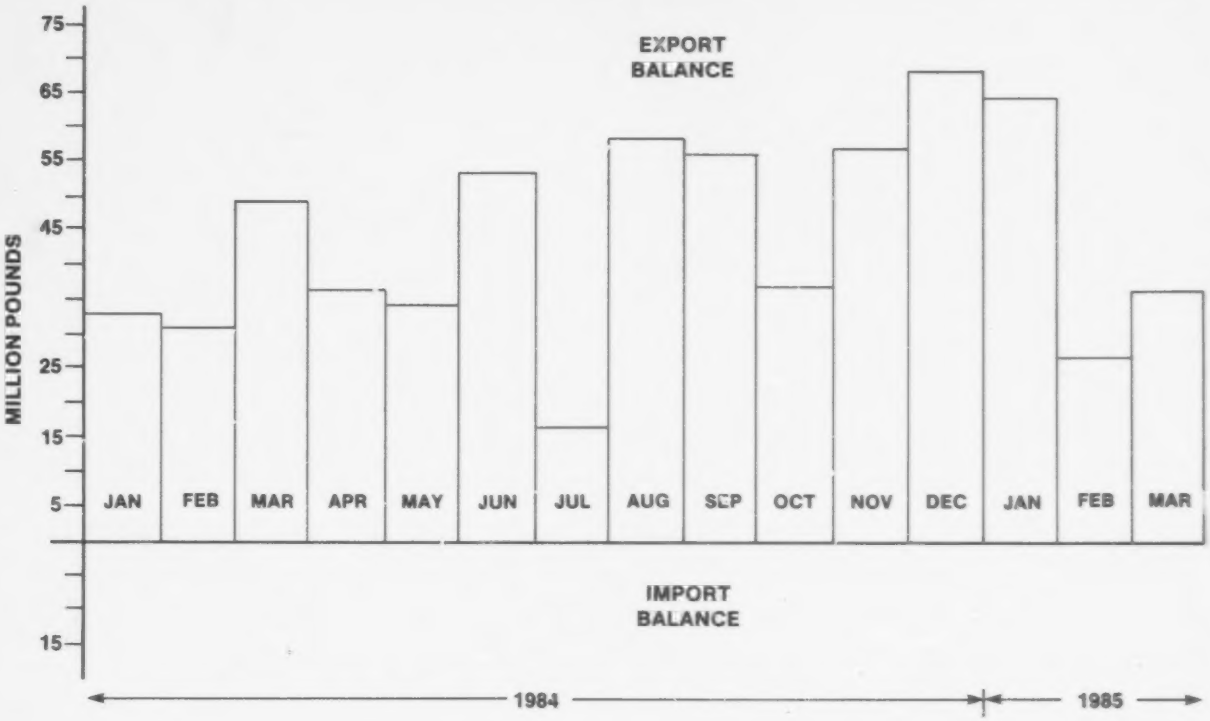


TABLE 10: MAN-MADE FIBER MONTHLY TRADE BALANCE DETAIL
MILLION POUNDS

COMMODITY	1984											1985		
	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR
CELLULOSIC YARN+MONOFILAMENTS	1.7 E	0.4 I	0.4 E	0.6 I	0.3 E	0.6 I	1.1 I	0.1 I	0.1 E	0.1 I	1.2 I	0.3 I	0.7 I	0.3 E
CELLULOSIC STAPLE+TOW	2.4 E	7.7 E	5.8 E	2.9 E	6.2 E	2.2 E	2.9 E	1.7 E	1.9 E	1.1 E	3.1 E	1.6 E	0.8 E	2.2 E
NONCELLULOSIC YARN+MONOFILAMENTS	11.3 E	13.5 E	10.1 E	8.3 E	12.4 E	8.2 E	14.8 E	19.1 E	10.6 E	14.7 E	19.6 E	14.5 E	12.2 E	10.2 E
NONCELLULOSIC STAPLE+TOW	16.4 E	23.4 E	16.7 E	16.8 E	24.3 E	10.7 E	37.4 E	31.0 E	22.1 E	38.7 E	40.4 E	45.0 E	16.6 E	23.4 E
CELLULOSIC WASTE	0	0.6 E	+	0.1 E	+	0.1 I	0.1 E	0.2 E	0.1 I	0.2 E	0.1 E	+	+	0.2 E
NONCELLULOSIC WASTE	0.7 I	5.0 E	3.4 E	7.2 E	9.8 E	4.1 I	3.5 E	4.0 E	2.0 E	2.1 E	5.0 E	3.2 E	2.8 I	0.7 I
TOTAL	31.1 E	49.8 E	36.4 E	34.7 E	53.0 E	16.3 E	57.8 E	55.9 E	36.8 E	56.7 E	67.0 E	64.0 E	28.1 E	35.8 E

I means net-import balance.
E means net-export balance.

TABLE 11: U.S. EXPORTS OF MAN-MADE FIBERS

THOUSAND POUNDS

ITEM	COMMODITY NUMBER AS OF 1/1/78	1985 JAN	FEB	MAR	APR	MAY	JUN	YEAR TO DATE 1985	1984
CELLULOSIC FIBERS									
FILAMENT YARN[a]									
TEXTURED	310.0008	0	4	30				34	25
OTHER[b]	310.0026	811	117	971				1899	4302
MONOFILAMENTS	309.0110	0	0	0				0	2
STRIPS	309.2210	0	7	0				7	56
SUBTOTAL ABOVE		**811**	**128**	**1001**				**1940**	**4385**
STAPLE+TOW-RAYON	309.4222	2925	2042	3375				8342	15469
STAPLE-ACETATE	309.4219	12	133	140				285	628
SUBTOTAL ABOVE		**2937**	**2175**	**3515**				**8627**	**16097**
WASTE, ADVANCED & NOT ADVANCED	309.7400	72	119	161				352	839
NONCELLULOSIC FIBERS									
YARN - SINGLES									
NYLON - TEXTURED	310.0008 & .0009	2478	2450	2480				7408	10514
- HIGH TENACITY[c]	310.0027	4921	6044	6255				17220	15938
- OTHER	310.0029	883	1002	954				2839	4062
POLYESTER-TEXTURED	310.0010	7485	5968	5803				19236	14323
- HIGH TENACITY[c]	310.0027	865	795	641				2301	2776
- OTHER	310.0034[d]	2458	107	422				2982	1479
OTHER - TEXTURED	309.0014	264	588	1152				2004	1588
- OLEFIN	309.0040	52	5	61				118	95
- OTHER	310.0044 & .0330	557	572	607				1736	1443
MONOFILAMENTS, ALL DENIERS									
NYLON	309.0120	231	195	189				615	631
POLYESTER[e]	309.0140	667	434	470				1571	791
OTHER	309.0170	1060	996	908				2964	2690
STRIPS	309.2220 & .2270	427	339	346				1112	1095
SUBTOTAL ABOVE		**22338**	**19490**	**20260**				**62106**	**57725**
STAPLE - NYLON	309.4240	1180	471	783				2434	4222
- POLYESTER	309.4242	23227	9860	18958				52095	29077
- ACRYLIC	309.4245	21821	12541	11117				45479	37885
- OLEFIN	309.4246	1039	261	620				1920	769
- OTHER	309.4247	755	875	890				2520	2552
GROUPED FILAMENTS									
NYLON	309.3230	211	95	51				357	1066
POLYESTER[e]	309.3240	3251	1302	2292				6845	10322
ACRYLIC	309.3250 & .3255	3372	2291	1957				7620	8645
SUBTOTAL ABOVE		**54856**	**27716**	**36698**				**119270**	**94538**
WASTE, NOT ADVANCED									
- NYLON	309.7620	303	196	237				736	3106
- POLYESTER	309.7630	4721	2235	3165				10121	11394
- ACRYLIC	309.7640	419	214	716				1349	1186
- OTHER	309.7680	1405	342	873				2620	3993
SUBTOTAL ABOVE		**6848**	**2987**	**4991**				**14826**	**19659**
TOTAL MAN-MADE ABOVE		**87652**	**52615**	**66854**				**207121**	**193383**
TEXTILE GLASS FIBER	309.2700 & .9700	7000	3868	7463				18331	11531
GRAND TOTAL ABOVE		**94652**	**56483**	**74117**				**225452**	**204784**

SOURCE: U.S.Census Bureau Report EM546.

a. Includes thrown, singles and plied yarn.
b. Includes an undetermined amount of rayon tire cord and cord fabric.
c. Includes an undetermined amount of noncellulosic tire cord and cord fabric.
d. Includes zero twist yarns.
e. These data are obviously incorrect because of misclassification. Most of these poundages should be included with filament yarn.

Continued from page 87.

Table 6: Percentage change and relative growth over time of population, per capita GNP and per capita consumption of the various textile fibers.

Table 7: Summary of imports of semi-manufactured and manufactured products.

Table 8: Listing of aforementioned imports in per capita terms and their percentage growth over time in relation to overall per capita domestic consumption.

Graph 1: Per capita consumption of all fibers as taken from the data in Table 3B.

Graph 2: Growth in population and per capita GNP since 1970 in relation to the declining trend of per capita GNP data are taken from Table 2, while the per capita fiber consumption data are taken from Table 3B.

TABLE 12: SELECTED U.S. MAN-MADE FIBER IMPORTS FOR CONSUMPTION BY COUNTRY OF ORIGIN

THOUSAND POUNDS

ITEM & COUNTRY	1985 JAN	FEB	MAR	APR	MAY	JUNE	YEAR TO DATE 1985	1984
CELLULOSIC YARN, MONOFIL & STRIPS								
CANADA	120	131	140				391	381
MEXICO	33	40	36				109	338
FRANCE	27	0	0				27	22
GERMANY, FED. REP. OF	686	424	358				1468	1437
NETHERLANDS	77	76	84				237	108
JAPAN	96	73	10				179	222
REP. OF KOREA	0	0	0				0	100
ALL OTHER COUNTRIES[a]	71	60	112				243	82
TOTAL CELL. YARN	**1110**	**804**	**740**				**2654**	**2690**
CELLULOSIC STAPLE+TOW								
CANADA	788	662	561				2011	2606
AUSTRIA	62	88	19				169	679
SWEDEN	314	368	271				953	786
UNITED KINGDOM	162	268	180				610	348
JAPAN	20	32	59				111	325
ALL OTHER COUNTRIES[b]	35	0	223				258	41
TOT. CELL. STAP. & TOW	**1381**	**1419**	**1313**				**4112**	**4785**
NONCELLULOSIC YARN, MONOFIL & STRIPS								
CANADA	962	716	939				2617	4496
COSTA RICA	0	0	30				30	0
MEXICO	624	588	923				2135	4687
AUSTRIA	83	109	89				281	96
BELGIUM	205	0	949				1154	62
FRANCE	682	441	320				1443	550
GERMANY, FED. REP. OF	1676	1879	2645				6200	3953
ITALY	1528	911	925				3364	1158
NETHERLANDS	93	1	37				131	175
SPAIN	1	0	+				1	322
SWITZERLAND	35	26	32				93	189
UNITED KINGDOM	591	612	807				2010	986
ISRAEL	78	274	98				450	267
JAPAN	584	793	473				1850	4129
REP. OF KOREA	3	1	1				5	134
TAIWAN	9	1	21				31	182
ROMANIA	88	0	0				88	197
SOUTH AFRICA	286	209	1618				2113	1022
ALL OTHER COUNTRIES[c]	242	744	184				1170	184
TOTAL N.C. YARN	**7770**	**7365**	**10091**				**25186**	**22789**
NONCELLULOSIC STAPLE+TOW								
BRAZIL	278	415	935				1628	416
CANADA	1640	2153	1296				5089	3349
COSTA RICA	86	330	187				603	746
MEXICO	1111	433	772				2316	6480
BELGIUM	127	85	12				224	131
FRANCE	920	1032	923				2875	1824
GERMANY, FED. REP. OF	1656	1970	1670				5296	6151
ITALY	527	411	2448				3386	3207
NETHERLANDS	74	27	67				168	304
SWITZERLAND	18	146	11				175	135
UNITED KINGDOM	740	1287	879				2906	4077
ISRAEL	0	1	55				56	73
JAPAN	1154	1247	1567				3968	3621
REP. OF KOREA	37	170	165				372	102
TAIWAN	1301	1033	2115				4449	2873
ROMANIA	83	88	95				266	535
SOUTH AFRICA	49	131	0				180	213
ALL OTHER COUNTRIES[d]	43	101	44				188	368
TOTAL N.C. STAPLE	**9844**	**11980**	**13341**				**34165**	**34805**

\+ Means a nominal poundage.

Other countries supplying 1985 poundages are:

a. Brazil 240, Hong Kong 1, People's Republic of China 1, and Sweden 1.

b. Federal Republic of Germany 34, Finland 69, France 7, Italy 2, Netherlands 1, and Taiwan 145.

c. Australia 29, Belgium 454, Brazil 31, Denmark 34, German Dem. Rep. 14, Hong Kong 1, Iran 31, Ireland 16, Morocco 11, Norway 143, People's Republic of China +, Singapore 14, Sweden 42, Turkey 17, and Yugoslavia 333

d. Australia 82, Austria 42, Denmark 43, Philippines +, Spain 1, Sweden 18, and Turkey 2.

TABLE 13: U.S. MAN-MADE FIBER IMPORTS FOR CONSUMPTION

THOUSAND POUNDS

ITEM	COMMODITY NUMBER AS OF 1/1/78	1985 JAN	FEB	MAR	APR	MAY	JUN	YEAR TO DATE 1985	1984
CELLULOSIC FIBERS									
YARN - SINGLES									
TEXTURED	310.0106 & .0206	0	0	38				38	38
OTHER	310.0130 & .0230*	1105	751	697				2553	2901
MONOFILAMENTS	309.0310 & .0610	0	17	1				18	0
STRIPS, $1/LB & UNDER	309.2000*	5	36	4				45	51
SUBTOTAL ABOVE		1110	804	740				2654	2990
STAPLE	309.4300 & .4305	1319	1255	1255				3829	4395
GROUPED FILAMENTS	309.3010 & .3110	62	163	58				283	420
SUBTOTAL ABOVE		1381	1418	1313				4112	4785
WASTE, ADVANCED & NOT ADVANCED	309.6600 & .7510*	96	73	0				169	119
NONCELLULOSIC FIBERS									
YARN - SINGLES									
TEXTURED - NYLON	310.0109 & .0209	2115	1670	2498				6281	4250
- POLYESTER	310.0110 & .0210	654	758	2492				3804	2922
- OTHER	310.0114 & .0214	1157	1238	1081				3476	1904
OTHER - NYLON	310.0149 & .0249	2037	1819	1450				5306	7161
- POLYESTER	310.0150 & .0250	1336	1325	2183				4845	4804
- OTHER	310.0170 & .0270*	179	243	140				562	786
MONOFILAMENTS	309.0350 & .0360*	240	133	190				563	880
STRIPS, OVER $1/LB	309.2100 & .2500*	52	116	59				229	272
SUBTOTAL ABOVE		7770	7388	10091				25249	22799
STAPLE - NYLON	309.4330	2329	1697	4525				8751	7991
- POLYESTER	309.4342	1623	2018	1614				5495	7828
- ACRYLIC	309.4345	1192	967	1073				3432	3251
- OLEFIN	309.4346	38	169	270				477	675
- OTHER	309.4355	1838	1045	2997				6480	3705
GROUPED FILAMENTS									
NYLON	309.3320 & .3130	1742	3045	1957				6744	6882
POLYESTER	309.3040 & .3140	272	335	188				895	1646
ACRYLIC	309.3350 & .3150	440	832	273				1545	2162
OTHER	309.3360 & .3160	70	152	104				326	385
SUBTOTAL ABOVE		9844	11980	13841				34140	34669
WASTE, NOT ADVANCED									
- NYLON	309.6625	3094	4321	3549				10964	6219
- POLYESTER	309.6630	445	950	1386				2781	2065
- ACRYLIC	309.6640	*	0	10				10	38
- OTHER	309.6660	12	167	169				378	604
NOILS & GARNETTED FIBERS	309.6300 & .7560*	0	0	62				62	131
OTHER WASTE, ADVANCED	309.7525 - .7555	44	398	498				910	1401
SUBTOTAL ABOVE		3595	5836	5674				15105	13858
TOTAL MAN-MADE ABOVE		22796	28496	31668				81351	78640
OTHER MAN-MADE FIBER TOPS, YARN & THREAD									
YARN - PLIED									
TEXTURED - CELLULOSIC	310.1106	0	0	*				0	*
- NONCELLULOSIC	310.1015* & .1106*	1108	665	740				2511	3380
OTHER - CELLULOSIC	310.1030 & .1130*	46	16	17				63	22
- NONCELLULOSIC	310.1050 & .1070*	346	503	337				1186	392
SPUN YARN - CELLULOSIC	310.4005 & .4030*	83	143	119				345	292
- OTHER	310.4015 & .4037*	2843	1823	2810				7076	6733
OTHER YARNS - NES, INCL. CHENILLE	310.6020 - .6660	662	298	626				1604	2641
HANDWORK YARNS & SEWING THREAD	310.8660 - .9140	451	462	739				1652	1526
SLIVER, TOPS & ROVING	309.8660	205	241	412				858	1851
TEXTILE GLASS FIBER	309.2800 & .2900*	2454	1496	3565				7515	7941
GRAND TOTAL ABOVE		31814	31943	40422				104179	109639

SOURCE: U.S.Census Bureau Report #M145X.

NES - Not elsewhere specified.

* These items are not reported by the Census as cellulosic vs. noncellulosic. Any separation between cellulosic and non-cellulosic is estimated, based mainly on average declared value.

a. Also includes 310.0510 & .0610.
b. Also includes 309.6615.
c. Also includes 310.0530, .0550, .0630 & .0650.
d. Also includes 309.0340, .0365, .0500, .0630, .0640 & .0665.
e. There may be some acetate yarn in these data, but the Census figures do not permit a segregation.
f. Also includes 310.1110 & .1114.
g. Also includes 310.2010 & .2110.
h. Also includes 310.1150, .1155, .1170, .2030, .2090, .2130 & .2190.
i. Also includes 310.5005 & .5030.
j. Also includes 310.4046, .4047, .4060, .5015, .5046, .5047, .5049 & .5051.
k. Chiefly roving. Also includes 309.9800 & .9900.

TABLE 14: QUARTERLY MAN-MADE FIBER DATA

MILLION POUNDS

ITEM	1984 1ST Q	1984 2ND Q	1984 3RD Q	1984 4TH Q	1984 YEAR	1985 1ST Q	1985 2ND Q	1985 3RD Q	1985 4TH Q	1985 YEAR	1986 1ST Q	1986 2ND Q	1986 3RD Q	1986 4TH Q	1986 YEAR
	YARN+MONOFILAMENTS*														
ACETATE															
PRODUCTION	55.2	56.0	50.0	37.0	198.2	44.8									
SHIPMENTS - DOMESTIC	48.7	51.9	43.4	36.1	180.1	35.8									
- EXPORT	5.8	4.2	4.4	3.8	18.2	7.1									
TOTAL SHIPMENTS	54.5	56.1	47.8	39.9	198.3	42.9									
ENDING STOCK	13.2	13.1	15.3	12.4		14.3									
NYLON															
PRODUCTION	400.9	407.9	383.3	385.2	1577.3	369.8									
SHIPMENTS - DOMESTIC	365.1	370.7	348.9	353.4	1438.1	322.7									
- EXPORT	29.9	30.1	29.1	30.2	119.3	33.5									
TOTAL SHIPMENTS	395.0	400.8	378.0	383.6	1557.4	356.2									
ENDING STOCK	126.7	133.8	139.1	140.7		54.3									
OLEFIN[b]															
PRODUCTION	178.0	184.5	171.5	213.1	747.1	245.1									
SHIPMENTS - DOMESTIC	169.3	180.2	169.6	206.5	725.6	237.1									
- EXPORT	4.3	3.8	4.2	4.2	16.5	3.6									
TOTAL SHIPMENTS	173.6	184.0	173.8	210.7	742.1	240.7									
ENDING STOCK	60.9	61.4	59.1	61.5		65.9									
POLYESTER															
PRODUCTION	316.8	297.5	279.8	303.9	1200.0	316.2									
SHIPMENTS - DOMESTIC	291.9	286.1	278.8	293.0	1149.8	290.1									
- EXPORT	14.1	12.4	8.0	13.8	48.3	17.7									
TOTAL SHIPMENTS	306.0	298.5	286.8	306.8	1198.1	307.8									
ENDING STOCK	110.4	109.4	102.4	99.5		107.9									
TOTAL NONCELLULOSIC ABOVE															
PRODUCTION	897.7	889.9	834.6	902.2	3524.4	931.1									
SHIPMENTS - DOMESTIC	826.3	837.0	797.3	852.9	3313.5	849.9									
- EXPORT	48.3	46.3	41.3	48.2	184.1	54.8									
TOTAL SHIPMENTS	874.6	883.3	838.6	901.1	3497.6	904.7									
ENDING STOCK	298.0	304.6	300.6	301.7		328.1									
DOMESTIC SHIPMENTS	826.3	837.0	797.3	852.9	3313.5	849.9									
IMPORTS - TEXTURED YARN[c]	12.4	13.3	12.0	12.3	50.0	16.2									
- OTHER YARN[c]	12.9	13.2	13.9	11.1	51.1	11.9									
- MONOFILAMENTS	1.0	0.7	0.8	0.4	2.9	0.6									
TOTAL IMPORTS	26.3	27.2	26.7	23.8	104.0	28.7									
TOTAL AVAILABLE	852.6	864.2	824.0	876.7	3417.5	878.6									
	TEXTILE GLASS FIBER														
PRODUCTION	333.3	337.0	342.9	380.8	1394.0										
SHIPMENTS - DOMESTIC	305.1	340.8	311.0	293.8	1250.7										
- EXPORT	11.7	14.8	14.9	16.6	58.0										
TOTAL SHIPMENTS	316.8	355.6	325.9	310.4	1308.7										
ENDING STOCK	141.2	122.6	139.6	210.0											
IMPORTS	7.8	5.7	5.4	4.2	23.1	7.5									
TOTAL AVAILABLE	312.9	346.5	316.4	298.0	1273.8										

FOOTNOTES FOR TABLE ABOVE & OPPOSITE

NA means not available at press time.

"Imports" are imports for consumption, as reported by the U.S. Census Bureau.

a. Data for rayon and "Other" noncellulosic yarns (chiefly saran & spandex) are available annually only; see pages 42 & 43 of the March 1985 issue for further details on these yarns.

b. Also include film fiber as well as spunbonded polypropylene.

c. Include singles and plied.

d. Acetate staple+tow data are available annually only; see pages 42 & 43 of the March 1985 issue for further details.

e. These figures are composites of the nylon, acrylic+modacrylic, polyester and olefin staple imports, i.e., Commodity Numbers 309.4338, .4342, .4345 & .4346.

TABLE 15: QUARTERLY MAN-MADE FIBER DATA *(Continued)*

MILLION POUNDS

ITEM	1984					1985					1986				
	1ST Q	2ND Q	3RD Q	4TH Q	YEAR	1ST Q	2ND Q	3RD Q	4TH Q	YEAR	1ST Q	2ND Q	3RD Q	4TH Q	YEAR
						STAPLE+TOW[4]									
RAYON															
PRODUCTION	**104.0**	**103.7**	**94.0**	**87.5**	**389.2**	**85.6**									
SHIPMENTS - DOMESTIC	90.7	82.5	81.6	77.1	331.9	73.8									
- EXPORT	11.3	20.3	10.3	10.2	52.1	7.9									
TOTAL SHIPMENTS	**102.0**	**102.8**	**91.9**	**87.3**	**384.0**	**81.7**									
ENDING STOCK	**25.3**	**26.2**	**28.3**	**28.5**		**32.4**									
DOMESTIC SHIPMENTS	90.7	82.5	81.6	77.1	331.9	73.8									
IMPORTS FOR CONSUMPTION															
STAPLE	4.4	3.2	3.9	3.9	15.4	3.8									
GROUPED FILAMENTS	0.4	0.3	0.5	0.4	1.6	0.3									
TOTAL IMPORTS	4.8	3.5	4.4	4.3	17.0	4.1									
TOTAL AVAILABLE	**95.5**	**86.0**	**86.0**	**81.4**	**348.9**	**77.9**									
NYLON															
PRODUCTION	**220.9**	**216.6**	**193.0**	**204.3**	**834.8**	**191.6**									
SHIPMENTS - DOMESTIC	211.1	210.6	194.5	198.2	814.4	192.8									
- EXPORT	5.6	3.1	4.6	3.6	16.9	3.3									
TOTAL SHIPMENTS	**216.7**	**213.7**	**199.1**	**201.8**	**831.3**	**196.1**									
ENDING STOCK	**79.3**	**82.2**	**76.1**	**78.6**		**74.1**									
IMPORTS	7.9	7.8	12.1	10.5	38.3	8.7									
TOTAL AVAILABLE	**219.0**	**218.4**	**206.6**	**208.7**	**852.7**	**201.5**									
ACRYLIC+MODACRYLIC															
PRODUCTION	**171.7**	**174.9**	**164.7**	**159.5**	**670.8**	**163.0**									
SHIPMENTS - DOMESTIC	120.6	124.2	107.7	94.2	446.7	105.3									
- EXPORT	48.5	51.3	50.7	59.0	219.5	59.0									
TOTAL SHIPMENTS	**169.1**	**175.5**	**158.4**	**153.2**	**656.2**	**164.3**									
ENDING STOCK	**75.4**	**74.8**	**71.1**	**77.4**		**76.1**									
IMPORTS	3.3	3.8	3.9	2.5	13.5	3.4									
TOTAL AVAILABLE	**123.9**	**126.0**	**111.6**	**96.7**	**460.2**	**108.7**									
OLEFIN+VINYON															
PRODUCTION	**57.3**	**61.8**	**64.4**	**66.4**	**249.9**	**69.1**									
SHIPMENTS - DOMESTIC	53.7	61.0	62.7	63.5	240.9	67.2									
- EXPORT	3.8	0.6	0.5	0.9	5.8	1.0									
TOTAL SHIPMENTS	**57.5**	**61.6**	**63.2**	**64.4**	**246.7**	**68.2**									
ENDING STOCK	**19.8**	**20.0**	**21.2**	**23.2**		**24.1**									
POLYESTER															
PRODUCTION	**561.6**	**573.5**	**531.4**	**525.3**	**2191.8**	**520.7**									
SHIPMENTS - DOMESTIC	514.2	527.7	481.3	469.0	1992.2	456.3									
- EXPORT	32.8	34.6	44.8	88.0	200.2	51.0									
TOTAL SHIPMENTS	**547.0**	**562.3**	**526.1**	**557.0**	**2192.4**	**507.3**									
ENDING STOCK	**188.7**	**199.9**	**205.2**	**173.5**		**186.9**									
IMPORTS	7.8	5.5	5.2	4.4	22.9	5.5									
TOTAL AVAILABLE	**522.0**	**533.2**	**486.5**	**473.4**	**2015.1**	**481.8**									
TOTAL NONCELLULOSIC															
PRODUCTION	**1011.5**	**1026.8**	**953.5**	**955.5**	**3947.3**	**944.4**									
SHIPMENTS - DOMESTIC	899.6	923.5	846.2	824.9	3494.2	821.6									
- EXPORT	90.7	89.6	110.6	151.5	442.4	114.3									
TOTAL SHIPMENTS	**990.3**	**1013.1**	**956.8**	**976.4**	**3936.6**	**935.9**									
ENDING STOCK	**363.2**	**376.9**	**373.6**	**352.7**		**361.2**									
DOMESTIC SHIPMENTS	899.6	923.5	846.2	824.9	3494.2	821.6									
IMPORTS FOR CONSUMPTION															
3 FIBERS ABOVE[5]	19.0	17.1	21.2	17.4	74.7	17.6									
OTHER N.C. STAPLE	4.6	4.2	5.3	3.5	17.6	7.0									
GROUPED FILAMENTS	11.0	9.5	9.6	8.7	38.8	9.5									
TOTAL IMPORTS	34.6	30.8	36.1	29.6	131.1	34.1									
TOTAL AVAILABLE	**934.2**	**954.3**	**882.3**	**854.5**	**3625.3**	**855.7**									

See footnotes on opposite page.

TABLE 16: SELECTED U.S. MONTHLY TEXTILE FIBER DATA

MILLION POUNDS

ITEM	1985 JAN	FEB	MAR	APR	MAY	JUN	YEAR TO DATE[a] 1985	1984
MAN-MADE FIBER DATA[b]				**TOTAL SHIPMENTS[c]**				
YARN+MONOFILAMENTS[d]								
ACETATE	**14.3**	**14.1**	**14.5**	**16.0**			**58.9**	**72.3**
NYLON[e] - INDUSTRIAL[f]	32.1	31.0	33.1	27.6			123.8	124.2
- LOW DENIER INDUSTRIAL[g]	2.3	2.2	2.0	2.2			8.7	12.0
- CARPET	57.1	51.9	59.5	69.2			237.7	270.4
- TEXTILE	30.5	27.0	27.5	27.8			112.8	129.4
POLYESTER - INDUSTRIAL[f]	26.4	24.5	25.3	26.4			102.6	104.4
- LOW DENIER INDUSTRIAL[g]	1.6	1.6	1.4	2.0			6.6	8.3
- TEXTILE	69.5	75.6	81.9	69.6			316.6	297.2
OLEFIN[h]	78.0	79.9	82.1	86.0			326.0	231.9
TOTAL NONCELLULOSIC ABOVE[i]	**297.5**	**293.7**	**312.8**	**330.8**			**1234.9**	**1177.8**
STAPLE+TOW+FIBERFILL[j]								
RAYON	**29.0**	**25.0**	**27.7**	**30.0**			**111.7**	**137.9**
NYLON[e]	70.5	60.6	65.0	67.9			264.0	299.0
ACRYLIC+MODACRYLIC	51.5	55.0	57.8	54.9			219.2	227.3
POLYESTER	162.4	169.5	175.4	177.6			684.9	747.8
OLEFIN+VINYON	21.4	23.1	23.7	24.5			92.7	77.7
TOTAL NONCELLULOSIC ABOVE	**305.8**	**308.2**	**321.9**	**324.9**			**1260.9**	**1351.8**
				END-OF-MONTH STOCK				
YARN+MONOFILAMENTS								
ACETATE	**13.1**	**13.3**	**14.3**	**14.8**			**14.8**	**13.6**
NYLON[e] - INDUSTRIAL[f]	28.8	30.6	29.4	32.0			32.0	22.1
- LOW DENIER INDUSTRIAL[g]	6.2	6.2	6.1	6.1			6.1	5.7
- CARPET	68.0	69.5	71.1	58.2			58.2	55.9
- TEXTILE	43.1	45.0	47.7	47.5			47.5	36.4
POLYESTER - INDUSTRIAL[f]	24.3	23.2	23.9	24.3			24.3	19.4
- LOW DENIER INDUSTRIAL[g]	2.8	2.7	2.8	2.9			2.9	3.5
- TEXTILE	79.7	81.6	81.2	80.6			80.6	64.1
OLEFIN[h]	62.0	64.3	64.5	64.7			64.7	61.5
TOTAL NONCELLULOSIC ABOVE[i]	**314.9**	**323.1**	**326.7**	**316.3**			**316.3**	**286.6**
STAPLE+TOW+FIBERFILL								
RAYON	**30.3**	**31.3**	**32.4**	**31.1**			**31.1**	**23.2**
NYLON[e]	69.7	72.4	74.1	71.1			71.1	71.7
ACRYLIC+MODACRYLIC	76.6	75.0	76.1	77.2			77.2	75.6
POLYESTER	191.8	192.6	186.9	187.6			187.6	177.4
OLEFIN+VINYON	26.1	25.1	24.1	25.5			25.5	20.1
TOTAL NONCELLULOSIC ABOVE	**364.2**	**365.1**	**361.2**	**361.4**			**361.4**	**344.8**
WOOL & COTTON CONSUMPTION								
APPAREL CLASS WOOL	9.6	9.3	13.0				31.9	43.5
CARPET CLASS WOOL	1.2	1.1	1.7				4.0	2.6
TOTAL RAW WOOL	10.8	10.4	14.7				35.9	46.1
RAW COTTON	176.2	193.8	286.7				656.7	738.7

a. Year-to-date totals except for stock, which is the latest month's data.
b. The monthly production of each fiber may be calculated as total shipments plus a stock increase, or less a stock decrease, over the month.
c. Producers' total domestic plus export shipments.
d. Rayon yarn data are available annually only; see page 43 of the March 1985 issue.
e. Data for nylon exclude aramid.
f. Industrial is defined as 500 denier and coarser with an Instron tenacity of 7 grams or more per denier.
g. Low denier industrial is defined as finer than 500 denier with an Instron tenacity over 5.5 grams per denier.
h. Olefin yarn+monofilaments also includes spunbonded polypropylene and film fiber produced for textile end uses.
i. Saran and spandex data are not included in these totals. See page 43 of the March 1985 issue for annual data on these yarns.
j. Acetate staple+tow data are available annually only; see page 43 of the March 1985 issue.